

Title (en)  
ID CARD

Publication  
**EP 0413634 A3 19941019 (EN)**

Application  
**EP 90402296 A 19900814**

Priority  
JP 21063189 A 19890817

Abstract (en)  
[origin: EP0413634A2] An ID card includes an electric wave receiver for receiving an electric wave (12) from a main station, a modulator (6) for modulating a received signal in accordance with an SD number, and an electric wave transmitter for transmitting a modulated electric wave signal (13) to the main station. The main station identifies the SD card on the basis of the modulated electric wave signal. The ID card further includes a surface acoustic wave exciting device for coupling the electric wave receiver and the electric wave transmitter through surface acoustic wave on a piezoelectric substrate (2) by means of the modulator and a circuit including a terminating device (3) and a switching element (4) and connected in parallel with the surface acoustic wave exciting device. The switching element is controlled to be turned on and off in accordance with the ID number to control the coupling between the electric wave receiver and the electric wave transmitter.

IPC 1-7  
**G06K 19/07**

IPC 8 full level  
**B42D 25/23** (2014.01); **B42D 25/305** (2014.01); **G06K 19/07** (2006.01); **G07F 7/08** (2006.01); **H03H 9/145** (2006.01)

CPC (source: EP US)  
**G06K 19/0723** (2013.01 - EP US); **G07B 15/063** (2013.01 - EP US)

Citation (search report)

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- [YA] EP 0101125 A1 19840222 - NEDAP NV [NL]
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Designated contracting state (EPC)  
DE FR GB IT

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